

# Comparisons of Job Characteristics

**Focus Occupation:** Telecommunications Line Installers and Repairers (49-9052)

**Associated Occupation:** Electronic Home Entertainment Equipment Installers and Repairers (49-2097)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Telecommunications Line Installers and Repairers (49-9052)

Associated Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Computers and Electronics	8.4	15.0	10.4	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	14.6	13.8	0	Current knowledge level may be sufficient
Engineering and Technology	5.7	14.3	8.7	<<	Extensive education and/or training may be required
Telecommunications	3.9	12.5	14.0	>	Current knowledge level is likely sufficient
Design	5.2	8.6	6.8	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 60

Focus Occupation: Telecommunications Line Installers and Repairers (49-9052)

Associated Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Quality Control Analysis	5.9	11.5	7.7	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	11.5	9.8	<	A higher skill level may be required
Repairing	3.4	11.0	7.1	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	9.1	8.3	0	Current skill level may be sufficient
Installation	1.7	9.1	3.1	<<	Extensive development of skills in this area may be required

Equipment Selection	3.3	8.2	5.2	<<	Extensive development of skills in this area may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 73			
Focus Occupation: Telecommunications Line Installers and Repairers (49-9052) Associated Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Finger Dexterity	7.6	12.5	9.7	<<	Extensive improvement in abilities may be required
Near Vision	11.1	11.4	10.8	0	Current ability level may be sufficient
Visualization	7.5	11.2	8.1	<<	Extensive improvement in abilities may be required
Visual Color Discrimination	6.4	10.6	9.6	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	10.1	9.7	0	Current ability level may be sufficient
Deductive Reasoning	10.6	10.0	8.8	<	Some improvement in abilities may be required
Information Ordering	9.9	9.8	8.8	<	Some improvement in abilities may be required
Oral Comprehension	12.5	9.8	11.9	>	Current ability level is likely sufficient
Hearing Sensitivity	5.6	8.6	5.7	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	5.4	4.4	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 78
<b>Focus Occupation: Telecommunications Line Installers and Repairers (49-9052)</b> <b>Associated Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)</b>		
Work Activities	Exclusivity of Activity	
Calibrate or adjust electronic equipment or instruments to specification	67	
Distinguish colors	44	
Read schematics	34	
Read technical drawings	7	
Repair or replace electrical wiring, circuits, fixtures, or equipment	49	
Test electrical/electronic wiring, equipment, systems or fixtures	54	
Use electrical or electronic test devices or equipment	40	
Use hand or power tools	2	

Use interpersonal communication techniques	10
Use soldering equipment	44
Use voltmeter, ammeter, or ohmmeter	52

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Telecommunications Line Installers and Repairers (49-9052)**

**Associated Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)**

### Tools and Technologies

### Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.